

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS

NAME: US Department of Interior Bureau of Reclamation
ADDRESS: 826 E FRONT STREET, SUITE A
PORT ANGELES, WA. 98362-3613
FACILITY: ELWHA WATER TREATMENT PLANT
LOCATION: Elwha River/ Lat: 48°10'10"N./Long:123°33'7"W
ATTN: DAVID F ADKINS, USBR CIVIL ENG

WA-0026662
PERMIT NUMBER

***001 A**
DISCHARGE NUMBER

Minor (SUBR SW) F-Final
Slurry Discharge Effluent
Sedimentation Plant
(non-wastewater)

APR 10 2015

MONITORING PERIOD							
From	Year	Mo	Day	To	Year	Mo	Day
	2015	3	1		2015	3	31

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	UNITS				
Water Temperature Effluent 00010 1 0 0	Sample Measurement	*****	*****		*****	6.6	8.4		0	Daily	Grab	
	Permit Requirement	*****	*****		*****	Report	Report	Deg. C	*****	5/Week	Grab	
Water Temperature Influent 00010 7 0 0	Sample Measurement	*****	*****		*****	6.4	7.9		0	Daily	Grab	
	Permit Requirement	*****	*****		*****	Report	Report	Deg. C	*****	5/Week	Grab	
Flow Rate Effluent 00056 1 0 0	Sample Measurement	4.1	5.8		*****	*****	*****		0	Continuous	Recording	
	Permit Requirement	Report	Report	CFS	*****	*****	*****		*****	Continuous	Recording	
Flow Rate Influent 00056 7 0 0	Sample Measurement	26.6	30.6		*****	*****	*****		0	Continuous	Recording	
	Permit Requirement	Report	Report	CFS	*****	*****	*****		*****	Continuous	Recording	
Turbidity Influent 00070 7 0 0	Sample Measurement	*****	*****		*****	49.1	340.0		0	Continuous	recording	
	Permit Requirement	*****	*****		*****	Report	Report	NTU	*****	Continuous	Recording	
Total Suspended Solids Daily Average Influent Turbidity > 50 NTU Influent 00150 P 0 0 See Comments Below	Sample Measurement	17,977	39,558		*****	126.3	294.5		0	Daily	24-Hr Composite	
	Permit Requirement	Report	See I.B.3 & I.B.4	Lb/Day	*****	Report	Report	mg/L	*****	Daily	24-Hr Composite	
Dissolved Oxygen Influent 00300 7 0 0	Sample Measurement	*****	*****		*****	11.4	12.8		0	Daily	Grab	
	Permit Requirement	*****	*****		*****	Report	Report	mg/L	*****	1/Month	Grab	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE		
Mike Greene, Veolia EWF Project Manager								503	582-9655	2015	4	5
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							Area Code	Number	Year	Mo	Day
Mike Greene												

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) 0 = Daily Avg. Influent From River Turbidity >50 NTU: P = Daily Avg. From River Turbidity <50

ICIS
4/10/15

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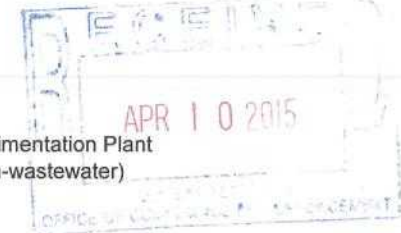
NAME: US Department of Interior Bureau of Reclamation
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Sedimentation Plant
(non-wastewater)



PARAMETER		QUANTITY OR LOADING			Minimum	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		Average Monthly	Maximum Daily	UNITS		Average Monthly	Maximum Daily	UNITS			
BOD, 5-Day Effluent 00310 1 0 0	Sample Measurement	*****	*****		*****	0.0	0.0	mg/L	0	1/ Month	Comp
	Permit Requirement	*****	*****		*****	Report	Report		*****	1/ Month	24- Hr Composite
PH Effluent 00400 1 0 0	Sample Measurement	*****	*****		*****	7.6	7.8	SU	0	Daily	Grab
	Permit Requirement	*****	*****		*****	6.5 - 8.5	8.5		*****	5/Week	Grab
PH Influent 00400 7 0 0	Sample Measurement	*****	*****		*****	7.7	7.9	SU	0	Daily	Grab
	Permit Requirement	*****	*****		*****	6.5 - 8.5	8.5		*****	5/Week	Grab
Total Alkalinity (As CaCO3) Effluent 00410 1 0 0	Sample Measurement	*****	*****		*****	42.9	50.0	mg/L as CaCO ₃	0	Daily	Comp
	Permit Requirement	*****	*****		*****	Report	Report		*****	1/Month	24-Hr Comp
Total Solids Suspended Effluent 00530 0 0 0 Daily Average Influent Turbidity > 50 NTU See Comments Below	Sample Measurement	24,226	50,869		*****	1,077	2,293	mg/L	0	Daily	24-Hr Comp
	Permit Requirement	169,091	480,723	Lb/Day	*****	Report	Report		*****	Daily	24- Hr Composite
Total Suspended Solids Effluent 00530 P 0 0 Daily Average Influent Turbidity < 50 NTU See Comments Below	Sample Measurement	6	21	#/CFS River	*****	407	2130	mg/L	0	Daily	Comp
	Permit Requirement	Report	22		*****	Report	Report		*****	Daily	24- Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mike Greene, Veolia EWF Project Manager	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE		DATE		
		503	582-9655	2015	4	5
TYPED OR PRINTED Mike Greene	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	Year	Mo	Day

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) 0 = Daily Avg. Influent From River Turbidity >50 NTU; P = Daily Avg. From River Turbidity <50
N/A: There were no days in December when influent turbidity was less than 50 NTU.

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From	Year	Mo	Day	To	Year	Mo	Day
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Sedimentation Plant
(non-wastewater)

APR 10 2015

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	UNITS			
Total Suspended Solids Influent 00530 7 0 0 Daily Average Influent Turbidity < 50 NTU See Comments Below	Sample Measurement	327	1,983	Lb/CFS River	*****	61	368	mg/L	0	Daily	Comp
	Permit Requirement	Report	Report		*****	Report	Report		*****	Daily	24-Hr Composite
Settleable Solids Effluent 00545 1 0 0	Sample Measurement	*****	*****		*****	6.0	6.0	ml/L	0	1/Month	Comp
	Permit Requirement	*****	*****		*****	Report	Report		*****	1/Month	24-Hr Composite
Settleable Solids Influent 00545 7 0 0	Sample Measurement	*****	*****		*****	0	0	ml/L	0	1/Month	Comp
	Permit Requirement	*****	*****		*****	Report	Report		*****	1/Month	24-Hr Composite
Aluminum, Total (As AL) Effluent 01105 1 0 0	Sample Measurement	3.8	105.8	lb/Day	*****	4.9	4.9	mg/L	0	1/Month	Comp
	Permit Requirement	Report	Report		*****	Report	Report		*****	1/Month	24-Hr Composite
Aluminum, Total (As AL) Influent 01105 7 0 0	Sample Measurement	0.0	0.0	lb/Day	*****	0.0	0.0	mg/L	0	1/Month	Comp
	Permit Requirement	Report	Report		*****	Report	Report		*****	1/Month	24-Hr Composite
Fecal Coliform Effluent 31625 1 0 0	Sample Measurement	*****	*****		*****	3	4		0	10/ Month	Grab
	Permit Requirement	*****	*****		*****	Report	Report	#/100 ML	*****	10/ Month	Grab
Fecal Coliform Influent 31625 7 0 0	Sample Measurement	*****	*****		*****	0	0		0	10/ Month	Grab
	Permit Requirement	*****	*****		*****	Report	Report	#/100 ML	*****	10/ Month	Grab
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TYPED OR PRINTED Mike Greene							503	582-9655	2015	4	5
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA Code	NUMBER	Year	Mo	Day

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MONITORING PERIOD								
From			Year	Mo	Day	To		
			2015	3	1			
			Year	Mo	Day			
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Sedimentation Plant
(non-wastewater)

APR 10 2015

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	UNITS			
Total Dissolved Solids Effluent 70295 1 0 0	Sample Measurement	*****	*****		*****	55.0	55.0	mg/L	0	4/Month	Comp
	Permit Requirement	*****	*****		*****	Report	Report		*****	1/Month	24-Hr Composite
Total Dissolved Solids Influent 70295 7 0 0	Sample Measurement	*****	*****		*****	28.0	28.0	mg/L	0	4/Month	Comp
	Permit Requirement	*****	*****		*****	Report	Report		*****	1/Month	24-Hr Composite
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Mike Greene											

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

APR 10 2015

ELWHA_MARCH- 2015 - WA-002666-2
INFLUENT TURBIDITY ABOVE 50 NTU

OFFICE OF COURTLAND COUNTY CLERK

Day	Influent Turbidity - 13	Flow, Daily, Influent Calc		flow/daily, at outfall 3078	flow/daily at outfall cal	River Flow - 1	TSS Influent - 8	TSS Influent Mass_Calc	TSS Effluent 5002	TSS Effluent Mass_Calc	Mass NTE Limit_calc
	NTU	MGD	CFS	MGD	CFS	CFS	mg/L	Lbs/Day	mg/L	Lbs/Day	lbs/day
3/15/2015	116.0	14.96	23.14	2.64	4.08	1830	171.0	21,331	1151.0	25,342	173,104
3/16/2015	70.4	14.50	22.43	2.64	4.08	1510	84.0	10,155	607.0	13,365	70,518
3/20/2015	91.0	16.11	24.92	2.62	4.05	2380	294.5	39,558	1742.0	38,064	385,535
3/21/2015	340.0	17.70	27.38	2.66	4.12	4020	219.0	32,319	2293.0	50,869	480,723
3/22/2015	117.0	19.64	30.39	2.66	4.12	2570	138.0	22,603	2164.0	48,007	194,868
3/23/2015	67.5	17.86	27.64	2.63	4.07	2090	92.4	13,764	721.0	15,815	106,501
3/24/2015	50.2	16.98	26.27	3.72	5.76	1760	68.0	9,630	507.0	15,730	66,937
3/26/2015	59.5	19.41	30.03	2.66	4.12	2100	73.5	11,898	646.0	14,331	85,134
3/27/2015	57.9	16.47	25.48	2.64	4.08	1770	59.2	8,130	410.0	9,027	58,010
3/28/2015	52.6	19.77	30.58	2.68	4.15	2000	63.0	10,385	524.0	11,712	69,581
DAILY MAX	340.0	19.8	30.6	3.7	5.8	4,020.0	294.5	39,558.4	2,293.0	50,868.8	480,723.4
AVERAGE	102.2	17.3	26.8	2.8	4.3	2,203.0	126.3	17,977.4	1,076.5	24,226.1	169,091.1

Mike Greene



March 5, 2015



April 6, 2015

US EPA Region 10
Director, Office of Compliance & Enforcement
1200 Sixth Avenue, OCE-133
Seattle, Washington 98101

**RE: NPDES # WA-002666-2, MONTHLY REPORT – MARCH 2015- ELWHA
WATER TREATMENT PLANT**

Attn: PCS Data Entry Team

Enclosed the monthly Discharge Monitoring Report (DMR) for the Elwha Water Treatment Plant (Port Angeles, WA) for the month of March, 2015. The report is submitted by Veolia Water North America (VWNA) Operating Services on behalf of the US Department of Interior, Bureau of Reclamation. A copy of the report has been submitted to the Washington DOE.

Please contact me if there are any questions or comments regarding the monthly report.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Michael S Greene'.

Michael S Greene
EWF_Veolia Project Manager

CC: Tracy Gilchrist, NPS
Sephora Harman, VNA

Enclosures: DMR, EPA Form 3320-1 (4 pages)
Table of values & mass limits for turbidity ≥ 50 NTU